

Converting Colors

$Yxy(30.8665, 0.3306, 0.3291)$

Have a look what the booklet for
Yxy(30.8665, 0.3306, 0.3291)
contains.

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Color

Yxy(30.8665, 0.3306, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	A49393
RGB	164, 147, 147
RGB Percent	64%, 58%, 58%
CMY	0.3569, 0.4235, 0.4236
CMYK	0.00, 0.10, 0.10, 0.36
HSL	0°, 9%, 61%
HSV	0°, 10%, 64%
XYZ	31.0072, 30.8665, 31.9170
YIQ	152.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

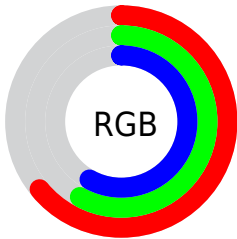
Format	Color
RYB	164, 147, 147
Decimal	10785683
CIELab	62.39, 6.29, 2.31
CIELCh	62, 6.701, 20.133
Yxy	30.8665, 0.3306, 0.3291
Android (android.graphics.Color)	4288975763 (0xFFA49393)
YUV	152.0830, -2.5059, 10.4512
Hunter-Lab	55.5576, 2.3965, 4.8292

Details

The Yxy color **30.8665, 0.3306, 0.3291** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4172, 0.2971, 0.3289**, and the grayscale version is **31.4445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0504, 0.3268, 0.3290**, and **12.6736, 0.3359, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **25.6556, 0.3522, 0.3292**, and if you desaturate by 10%, it is **36.8778, 0.3133, 0.3290**.

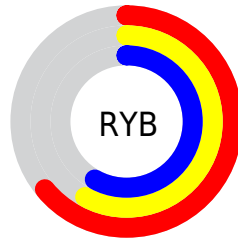
Distribution



Red (64%)

Green (58%)

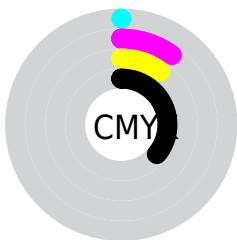
Blue (58%)



Red (64%)

Yellow (58%)

Blue (58%)

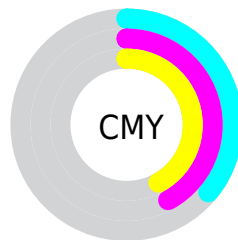


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8665, 0.3306, 0.3291 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 30.8665, 0.3306, 0.3291 by changing the saturation by 10% instead.


 30.8665, 0.3306,
0.3291


 30.8665, 0.3306,
0.3291


305.9228, 0.3210,
0.3291

 20.4972, 0.3332,
0.3291


 61.0298, 0.3269,
0.3291

 12.7570, 0.3368,
0.3290


 81.5927, 0.3256,
0.3291

 7.2614, 0.3418,
0.3289


106.3221, 0.3245,
0.3291

 3.6261, 0.3495,
0.3287

135.6026, 0.3236,
0.3291

 1.4667, 0.3626,
0.3282

169.8185, 0.3228,
0.3291

 0.2651, 0.5082,
0.3322

209.3543, 0.3221,

 0.0000, 0.0000,

0.3291

0.0000

254.5942, 0.3215,
0.3291

■ 30.8665, 0.3306,
0.3291

■ 30.8665, 0.3306,
0.3291

■ 25.6556, 0.3522,
0.3292

■ 36.8778, 0.3133,
0.3290

■ 21.2074, 0.3790,
0.3294

■ 43.7168, 0.2994,
0.3289

■ 17.4875, 0.4119,
0.3295

■ 51.4149, 0.2882,
0.3288

■ 14.4571, 0.4513,
0.3297

■ 60.0003, 0.2791,
0.3288

■ 12.0737, 0.4961,
0.3298

■ 69.5000, 0.2716,
0.3287

■ 10.2904, 0.5433,
0.3300

■ 79.9401, 0.2655,
0.3287

■ 9.0539, 0.5869,
0.3300

■ 86.6317, 0.2624,
0.3289

■ 8.3012, 0.6197,
0.3301

■ 7.8987, 0.6399,
0.3301

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.8665, 0.3224, 0.3201



30.8665, 0.3306, 0.3291



30.8665, 0.3339, 0.3383

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.8665, 0.3306, 0.3291



30.8665, 0.3134, 0.3453



30.8665, 0.2943, 0.3128

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.8665, 0.3306, 0.3291



35.4172, 0.2971, 0.3289

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.8665, 0.2920, 0.3192



30.8665, 0.3306, 0.3291



30.8665, 0.3029, 0.3382

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.8665, 0.3306, 0.3291



30.8665, 0.3239, 0.3478



30.8665, 0.2951, 0.3285



30.8665, 0.3014, 0.3107

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.8665, 0.3306, 0.3291



30.8665, 0.3329, 0.3433



30.8665, 0.2951, 0.3285



30.8665, 0.2929, 0.3145

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.8679, 0.3306, 0.3291



63.8770, 0.3176, 0.3290



31.4317, 0.3139, 0.3041



13.7732, 0.3189, 0.3290



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.8679, 0.3306, 0.3291



54.1789, 0.3342, 0.3291



33.6018, 0.3292, 0.3417



7.0881, 0.3285, 0.3291



6.0578, 0.6399, 0.3301



0.1279, 0.6390, 0.3309

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.4172, 0.2971, 0.3289



63.7886, 0.2944, 0.3289



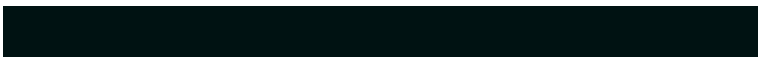
32.4851, 0.2970, 0.3160



8.0089, 0.2988, 0.3289



22.3258, 0.2245, 0.3282



0.4698, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 30.8665, 0.3306, 0.3291 looks on a white background.

Color Contrast Check

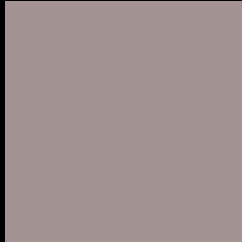
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.8665, 0.3306, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

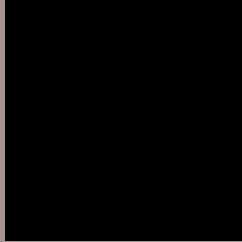
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

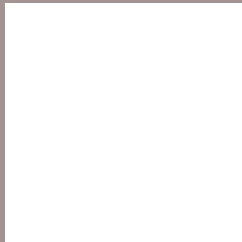
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.8665, 0.3306, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 30.8665, 0.3306, 0.3291.



This preview shows how white text looks on a background with the Yxy color 30.8665, 0.3306, 0.3291.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.8665, 0.3306, 0.3291

Protanopia

30.8526, 0.3178, 0.3306

Deuteranopia

30.8798, 0.3340, 0.3276



Tritanopia

30.6845, 0.3219, 0.3113

Trichromacy



Original Color

30.8665, 0.3306, 0.3291

Protanomaly

30.9021, 0.3230, 0.3306

Deuteranomaly

30.7713, 0.3329, 0.3276

Tritanomaly

30.8570, 0.3258, 0.3187

Monochromacy



Original Color

30.8665, 0.3306, 0.3291

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.0826, 0.3188, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8665, 0.3306, 0.3291 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(164, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(164, 147, 147)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(164, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 147, 147) }
```

Border

The CSS property to change the border of an element to Yxy 30.8665, 0.3306, 0.3291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 147, 147) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(164, 147, 147) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(164, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(164, 147,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8665, 0.3306, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 147, 147) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(164,  
147, 147) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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